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PCT REQUEST

OF03P067

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0	<b>For receiving Office use only</b>	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	<b>Form - PCT/RO/101 PCT Request</b>	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.04.2003)
0-5	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	OF03P067
I	Title of invention	COMPOSITION FOR TREATING CANCER CONTAINING N,N-DIMETHYLPHYTOSPHINGOSINE
II	<b>Applicant</b>	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	DOOSAN CORPORATION
II-5	Address:	18-12, 6th St., Ulchi-ro, Chung-gu, 100-730 Seoul Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-2-725-4774
II-9	Facsimile No.	82-2-722-0747
II-10	e-mail	syk@kc1law.com
II-11	Applicant's registration No. with the Office	1-1998-000923-6

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III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	CHOI, Jin Hee
III-1-5	Address:	1193 Jegi-2-dong, Dongdaemoon-gu, 130-062 Seoul Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR
III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	PARK, Chang Seo
III-2-5	Address:	710-401 Joogong-Apartment, Byulyang-dong, 427-040 Gwacheon-city, Gyonggi-do, Republic of Korea
III-2-6	State of nationality	KR
III-2-7	State of residence	KR
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	KIM, Jin Wook
III-3-5	Address:	102-306 Hanguk-Apartment, 699 Poongdukcheon-ri, Sooji-eup, 449-846 Yong-in city, Gyonggi-do, Republic of Korea
III-3-6	State of nationality	KR
III-3-7	State of residence	KR
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	PARK, Chang Yeol
III-4-5	Address:	301 Taesung-Apartment, 338-6 Gimryangjang-dong, Seo-gu, 449-020 Yong-in city, Gyonggi-do, Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR

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III-5	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	HWANG, You-A
III-5-5	Address:	401-1 Neungpyong-ri, Opo-myun, 464-892 Gwangjoo-gun, Gyonggi-do, Republic of Korea
III-5-6	State of nationality	KR
III-5-7	State of residence	KR
III-6	<b>Applicant and/or inventor</b>	
III-6-1	This person is:	applicant and inventor
III-6-2	Applicant for	US only
III-6-4	Name (LAST, First)	KIM, Eun Ju
III-6-5	Address:	302 Youngjin-Villa, 122-23 Sanggal-ri, Giheung-eup, 449-905 Yong-in city, Gyonggi-do, Republic of Korea
III-6-6	State of nationality	KR
III-6-7	State of residence	KR
III-7	<b>Applicant and/or inventor</b>	
III-7-1	This person is:	applicant and inventor
III-7-2	Applicant for	US only
III-7-4	Name (LAST, First)	KOH, Ui Chan
III-7-5	Address:	1-201 Donghyun-Apartment, 105 Nonhyun-dong, Gangnam-gu, 135-010 Seoul Republic of Korea
III-7-6	State of nationality	KR
III-7-7	State of residence	KR
IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	KIM, Sun-young
IV-1-2	Address:	Korea Coal Center, 10th Floor, 80-6, Susong-Dong, Chongro-Ku, 110-727 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-725-4774
IV-1-4	Facsimile No.	82-2-722-0747
IV-1-5	e-mail	syk@kc1law.com
IV-1-5	Agent's registration No.	9-1998-000131-1

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V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
V-5	Precautionary Designation Statement  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	02 May 2002 (02.05.2002)
VI-1-2	Number	10-2002-0024245
VI-1-3	Country	KR

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VI-2	Priority claim of earlier national application		
VI-2-1	Filing date	28 January 2003 (28.01.2003)	
VI-2-2	Number	10-2003-0005603	
VI-2-3	Country	KR	
VI-3	Priority document request	VI-1, VI-2	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):		
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (KIPO) (ISA/KR)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	-
IX-2	Description	28	-
IX-3	Claims	2	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	8	-
IX-7	TOTAL	45	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	3	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	KIM, Sun-young	



## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
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10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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## PCT (ANNEX - FEE CALCULATION SHEET)

OF03P067

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	
0-1	International Application No.	
0-2	Date stamp of the receiving Office	
0-4	Form - PCT/RO/101 (Annex)	
0-4-1	PCT Fee Calculation Sheet Prepared using	PCT-EASY Version 2.92 (updated 01.04.2003)
0-9	Applicant's or agent's file reference	OF03P067
2	Applicant	DOOSAN CORPORATION, et al.
12	Calculation of prescribed fees	fee amount/multiplier      Total amounts (KRW)
12-1	Transmittal fee T	⇒ 45,000
12-2-1	Search fee S	⇒ 150,000
12-2-2	International search to be carried out by	KR
12-3	International fee	
	Basic fee	
	(first 30 sheets) b1	530,000
12-4	Remaining sheets	15
12-5	Additional amount (X)	12,000
12-6	Total additional amount b2	180,000
12-7	b1 + b2 = B	710,000
12-8	Designation fees	
	Number of designations contained in international application	94
12-9	Number of designation fees payable (maximum 5)	5
12-10	Amount of designation fee (X)	114,000
12-11	Total designation fees D	570,000
12-12	PCT-EASY fee reduction R	-163,000
12-13	Total International fee (B+D-R) I	⇒ 1,117,000
12-14	Fee for priority document	
	Number of priority documents requested	1
12-15	Fee per document (X)	0
12-16	Total priority document fee P	⇒ 0
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒ 1,312,000
12-19	Mode of payment	cash

VALIDATION LOG AND REMARKS

## PCT (ANNEX - FEE CALCULATION SHEET)

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13-2-1	Validation messages Request	Green? A translation of the international application into English will have to be prepared under the responsibility of the ISA selected.
		Green? Please note that the entire request (including the title of invention) must be in English
13-2-2	Validation messages States	Green? More designations could be made. The following States have not been designated: KR. Please verify.
13-2-3	Validation messages Names	Green? Applicant 2.: Where several first/given names are indicated, they should preferably be separated by a comma. Please verify.
		Green? Applicant 3.: Where several first/given names are indicated, they should preferably be separated by a comma. Please verify.
		Green? Applicant 4.: Where several first/given names are indicated, they should preferably be separated by a comma. Please verify.
		Green? Applicant 5.: Where several first/given names are indicated, they should preferably be separated by a comma. Please verify.
		Green? Applicant 7.: Where several first/given names are indicated, they should preferably be separated by a comma. Please verify.
		Green? Applicant 8.: Where several first/given names are indicated, they should preferably be separated by a comma. Please verify.
13-2-8	Validation messages Fees	Green? Please confirm that fee schedule utilized is the latest available



**PCT (ANNEX - FEE CALCULATION SHEET)**

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13-2-1 1	Validation messages For receiving Office/International Bureau use only	Green? Verify electronic data for consistency against printed form.
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## PCT POWER OF ATTORNEY

OF03P067

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0-1	PCT Power of Attorney (for an international application filed under the Patent Cooperation Treaty) (PCT Rule 90.4)	
0-1-1	Prepared using	PCT-EASY Version 2.92 (updated 01.04.2003)
1	The undersigned applicant(s)	DOOSAN CORPORATION; CHOI, Jin Hee; PARK, Chang Seo; KIM, Jin Wook; PARK, Chang Yeol; HWANG, You-A; KIM, Eun Ju; KOH, Ui Chan
1-1-1	hereby appoints (appoint) the following person	KIM, Sun-young Korea Coal Center, 10th Floor, 80-6, Susong-Dong, Chongro-Ku, 110-727 Seoul Republic of Korea
1-2	as	agent
1-3	to represent the undersigned before	all the competent International Authorities
1-4	in connection with the international application identified below:	
1-4-1	Title of the invention	COMPOSITION FOR TREATING CANCER CONTAINING N,N-DIMETHYLPHYTOSPHINGOSINE
1-4-2	Applicant's or agent's file reference	OF03P067
1-4-3	International application number (if already available)	
1-4-4	filed with the following Office as receiving Office	Korean Intellectual Property Office (RO/KR)
1-5	and to make or receive payments on behalf of the undersigned.	
2-1	Signature of applicant	
2-1-1	Name	DOOSAN CORPORATION
2-2	Signature of applicant	
2-2-1	Name	CHOI, Jin Hee
2-3	Signature of applicant	
2-3-1	Name	PARK, Chang Seo

## PCT POWER OF ATTORNEY

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2-4	Signature of applicant	
2-4-1	Name	KIM, Jin Wook
2-5	Signature of applicant	
2-5-1	Name	PARK, Chang Yeol
2-6	Signature of applicant	
2-6-1	Name	HWANG, You-A
2-7	Signature of applicant	
2-7-1	Name	KIM, Eun Ju
2-8	Signature of applicant	
2-8-1	Name	KOH, Ui Chan
3	Date	01 May 2003 (01.05.2003)

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